CLAIMS

- 1. An electrically conductive paste comprising main components including a metal powder, a glass frit, and an organic vehicle, wherein
- 5 the metal powder comprises spherical particles (A) having an average primary-particle diameter of 0.1 to 1 μm and spherical particles (B) having an average primary-particle diameter of 50 nm or less, and the content of spherical particles (A) is in the range of 50 to 99 wt% and the content of spherical particles (B) is in the range of 1 to 50 wt%; and
- the content of the glass frit is in the range of 0.1 wt% to 15 wt% to the total amount of the glass frit and the metal powder.
 - 2. An electrically conductive paste according to claim 1, wherein the content of the glass frit is 0.1 wt% or more and less than 1 wt% relative to the total amount of the glass frit and the metal powder.
- 3. An electrically conductive paste according to claim 1, wherein the content of the glass frit ranges from 1 wt% to 15 wt% to the total amount of the glass frit and the metal powder.
 - 4. An electrically conductive paste according to any one of claims 1 to 3, wherein the metal powder is composed of the spherical particles (A) of 90 to 97 wt% and the spherical particles (B) of 3 to 10 wt%.
 - 5. An electrically conductive paste according to any one of claims 1 to 4, wherein the metal powder is at least one metal or an alloy selected from the group consisting of platinum, gold, silver, copper, nickel, and palladium.

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- 6. An electrically conductive paste according to any one of claims 1 to 5, wherein the glass frit does not contain lead.
- 7. An electrically conductive paste according to any one of claims 1 to 6, wherein the working point of the glass frit is 500°C or less.
- 8. An electrically conductive paste according to any one of claims 1 to 6, wherein the working point of the glass frit is 450°C or less.
 - 9. An electrically conductive paste according to any one of claims 1 to 8, wherein the glass frit is a powder having an average particle diameter of 2 μm or less.